| L Number | Hits  | Search Text                                                                                                                                                                                                                                                                                                                                                                                                                     | DB                 | Time stamp       |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|
| 1        | 6258  | 427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.                                                                                                                                                                                                                                                                                                                                                                      | USPAT;<br>US-PGPUB | 2004/03/22 10:15 |
| 2        | 120   | (427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB | 2004/03/22 12:08 |
| 3        | 4     | passageway or passage adj way) ((427/261,264,265,271,284,421,430.1.cels. or 156/307.3.cels.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB | 2004/03/22 10:21 |
| 4        | 104   | passageway or passage adj way)) and (prototype) ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and (plastic or polymer\$2 or resin\$3 or                                                                                                                                                     | USPAT;<br>US-PGPUB | 2004/03/22 12:09 |
| 5        | 100   | injection adj mo\$11d\$3 or prototyp\$3) (((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and (plastic or polymer\$2 or resin\$3 or                                                                                                                                                           | USPAT;<br>US-PGPUB | 2004/03/22 10:23 |
| 6        | 88    | injection adj mo\$11d\$3 or prototyp\$3)) not (((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and (prototype)) ((((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or                           | USPAT;<br>US-PGPUB | 2004/03/22 12:09 |
|          |       | passageway or passage adj way)) and (plastic or polymer\$2 or resin\$3 or injection adj mo\$11d\$3 or prototyp\$3)) not (((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and (prototype))) and (step or stepped)                                                                              |                    |                  |
| 7        | 20    | ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) not                                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB | 2004/03/22 10:37 |
|          |       | ((((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and (plastic or polymer\$2 or resin\$3 or injection adj mo\$1ld\$3 or prototyp\$3)) not (((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or  |                    |                  |
| 8        | 4     | passageway or passage adj way)) and (prototype))) ((427/261,264,265,271,284,421,430.1.cels. or 156/307.3.cels.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and surface adj roughness                                                                                                                                                                   | USPAT;<br>US-PGPUB | 2004/03/22 10:38 |
| 9        | 28387 | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB | 2004/03/22 12:02 |
| 10       | 23911 | ((infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and (plastic or polymer\$2 or resin\$3                                                                                                                                                                                                                                                                         | USPAT;<br>US-PGPUB | 2004/03/22 12:04 |
| 11       | 23807 | or injection adj mo\$11d\$3 or prototyp\$3) (( (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and (plastic or polymer\$2 or resin\$3                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB | 2004/03/22 10:39 |
|          |       | or injection adj mo\$11d\$3 or prototyp\$3)) not ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way))                                                                                                                                                                                              |                    |                  |
| 12       | 4455  | ((( (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way)) and (plastic or polymer\$2 or resin\$3 or injection adj mo\$1ld\$3 or prototyp\$3)) not ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or passageway or passage adj way))) and (infiltra\$3 or infill\$3 or | USPAT;<br>US-PGPUB | 2004/03/22 12:09 |
|          |       | permeat\$3) with (pore or porosity or interstice or passageway or passage adj way)                                                                                                                                                                                                                                                                                                                                              |                    |                  |

| are<br>are |      |                                                                                                                                                   |                      |                  |
|------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|
| 13         | 3343 | (((( (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or                                                                            | USPAT;               | 2004/03/22 10:40 |
|            |      | interstice or passageway or passage adj way)) and (plastic or polymer\$2                                                                          | US-PGPUB             |                  |
|            |      | or resin\$3 or injection adj mo\$11d\$3 or prototyp\$3)) not                                                                                      |                      |                  |
|            |      | ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and                                                                                 |                      |                  |
|            |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or                                                                   |                      |                  |
|            |      | passageway or passage adj way))) and (infiltra\$3 or infill\$3 or                                                                                 |                      |                  |
|            |      | permeat\$3) with (pore or porosity or interstice or passageway or passage                                                                         |                      |                  |
| 1.4        | 1061 | adj way)) and (prototyp\$3 or step or stepped)                                                                                                    | LICDATE              | 2004/02/22 12 02 |
| 14         | 1061 | ((((( (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or                                                                           | USPAT;               | 2004/03/22 12:03 |
|            | ļ    | interstice or passageway or passage adj way)) and (plastic or polymer\$2                                                                          | US-PGPUB             |                  |
|            |      | or resin\$3 or injection adj mo\$11d\$3 or prototyp\$3)) not ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and                    |                      |                  |
|            |      | ((427/201,204,205,271,264,421,430.1.ccis. of 130/307.5.ccis.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or |                      |                  |
|            |      | passageway or passage adj way))) and (infiltra\$3 or infill\$3 or                                                                                 |                      |                  |
|            |      | permeat\$3) with (pore or porosity or interstice or passageway or passage                                                                         |                      |                  |
|            |      | adj way)) and (prototyp\$3 or step or stepped)) and (infiltra\$3 or infill\$3                                                                     |                      |                  |
|            |      | or permeat\$3) with (polymer\$2 or resin\$3 or plastic)                                                                                           |                      |                  |
| 15         | 107  | (((((( (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or                                                                          | USPAT;               | 2004/03/22 10:41 |
|            |      | interstice or passageway or passage adj way)) and (plastic or polymer\$2                                                                          | US-PGPUB             |                  |
|            |      | or resin\$3 or injection adj mo\$11d\$3 or prototyp\$3)) not                                                                                      |                      |                  |
|            |      | ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and                                                                                 |                      |                  |
|            |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or                                                                   |                      |                  |
|            |      | passageway or passage adj way))) and (infiltra\$3 or infill\$3 or                                                                                 |                      |                  |
|            |      | permeat\$3) with (pore or porosity or interstice or passageway or passage                                                                         |                      |                  |
|            |      | adj way)) and (prototyp\$3 or step or stepped)) and (infiltra\$3 or infill\$3                                                                     |                      |                  |
|            |      | or permeat\$3) with (polymer\$2 or resin\$3 or plastic)) and (surface adj                                                                         |                      |                  |
| 17         | 107  | roughness)                                                                                                                                        | TIGDATE              | 2004/02/22 10 50 |
| 16         | 107  | ((((((((((((((((((((((((((((((((((((((                                                                                                            | USPAT;               | 2004/03/22 10:50 |
|            |      | interstice or passageway or passage adj way)) and (plastic or polymer\$2                                                                          | US-PGPUB             |                  |
|            |      | or resin\$3 or injection adj mo\$1ld\$3 or prototyp\$3)) not ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and                    |                      |                  |
|            |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or                                                                   |                      |                  |
|            |      | passageway or passage adj way))) and (infiltra\$3 or infill\$3 or                                                                                 |                      |                  |
|            |      | permeat\$3) with (pore or porosity or interstice or passageway or passage                                                                         |                      |                  |
|            |      | adj way)) and (prototyp\$3 or step or stepped)) and (infiltra\$3 or infill\$3                                                                     |                      |                  |
|            |      | or permeat\$3) with (polymer\$2 or resin\$3 or plastic)) and (surface adj                                                                         |                      |                  |
|            | [    | roughness)) not ((427/261,264,265,271,284,421,430.1.ccls. or                                                                                      |                      |                  |
|            |      | 156/307.3.ccls.) and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or                                                                        |                      |                  |
|            |      | porosity or interstice or passageway or passage adj way))                                                                                         |                      |                  |
| 17         | 2    | 4338353.pn. or 4536431.pn.                                                                                                                        | USPAT,               | 2004/03/22 10:51 |
|            |      |                                                                                                                                                   | US-PGPUB             |                  |
| 18         | 2    | ("4096308"   "4367110").PN.                                                                                                                       | USPAT                | 2004/03/22 10:51 |
| 19         | 3    | ("2174887"   "3407088"   "3663261").PN.                                                                                                           | USPAT                | 2004/03/22 10:51 |
| 20 .       | 7    | 4338353.URPN.                                                                                                                                     | USPAT                | 2004/03/22 10:52 |
| 21         | 210  | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice                                                                      | ЕРО; ЛРО;            | 2004/03/22 12:04 |
| 20         |      | or passageway or passage adj way) and (prototyp\$3 or step or stepped)                                                                            | DERWENT              | 00011601         |
| 22         | 19   | ((infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice                                                                     | ЕРО; ЛРО;            | 2004/03/22 12:04 |
|            |      | or passageway or passage adj way) and (prototyp\$3 or step or stepped))                                                                           | DERWENT              |                  |
|            |      | and (infiltra\$3 or infill\$3 or permeat\$3) with (polymer\$2 or resin\$3 or                                                                      |                      |                  |
| 23         | 8    | plastic) ( (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice                                                           | EDO: IDO:            | 2004/03/22 12:12 |
| ۵3         | ٥    | or passageway or passage adj way) and (prototyp\$3 or step or stepped))                                                                           | EPO; JPO;<br>DERWENT | 2004/03/22 12:12 |
|            |      | and (plastic or polymer\$2 or resin\$3 or injection adj mo\$11d\$3 or                                                                             | DEICMENT             |                  |
|            |      | prototyp\$3) same (substrate or workpiece or work adj piece or article)                                                                           |                      | ,                |
| 24         | 43   | ( (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice                                                                    | ЕРО; ЛРО;            | 2004/03/22 12:06 |
|            | 75   | or passageway or passage adj way) and (prototyp\$3 or step or stepped))                                                                           | DERWENT              |                  |
|            |      | and (substrate or workpiece or work adj piece or article)                                                                                         |                      |                  |
| 25         | 1643 | 427/\$.ccls. and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or                                                                            | USPAT;               | 2004/03/22 12:09 |
|            |      | porosity or interstice or passageway or passage adj way) not                                                                                      | US-PGPUB             |                  |
|            |      | ((427/261,264,265,271,284,421,430.1.cels. or 156/307.3.cels.) and                                                                                 |                      |                  |
|            |      | ((                                                                                                                                                |                      |                  |
|            |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or                                                                   |                      |                  |

| 26 | 1362 | (427/\$.ccls. and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or         | USPAT;   | 2004/03/22 12:09 |
|----|------|---------------------------------------------------------------------------------|----------|------------------|
|    |      | porosity or interstice or passageway or passage adj way) not                    | US-PGPUB |                  |
|    |      | ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and               |          |                  |
|    |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or |          |                  |
|    |      | passageway or passage adj way))) and (plastic or polymer\$2 or resin\$3         |          |                  |
|    |      | or injection adj mo\$11d\$3 or prototyp\$3)                                     |          |                  |
| 27 | 1157 | ((427/\$.ccls. and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or        | USPAT;   | 2004/03/22 12:09 |
|    |      | porosity or interstice or passageway or passage adj way) not                    | US-PGPUB |                  |
|    |      | ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and               |          |                  |
|    |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or |          |                  |
|    |      | passageway or passage adj way))) and (plastic or polymer\$2 or resin\$3         |          |                  |
|    |      | or injection adj mo\$11d\$3 or prototyp\$3)) and (step or stepped)              |          |                  |
| 28 | 318  | (((427/\$.ccls. and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or       | USPAT;   | 2004/03/22 12:10 |
|    |      | porosity or interstice or passageway or passage adj way) not                    | US-PGPUB |                  |
|    |      | ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and               |          |                  |
|    |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or |          |                  |
|    |      | passageway or passage adj way))) and (plastic or polymer\$2 or resin\$3         |          |                  |
|    |      | or injection adj mo\$11d\$3 or prototyp\$3)) and (step or stepped )) and        |          |                  |
|    |      | (infiltra\$3 or infill\$3 or permeat\$3) with (pore or porosity or interstice   |          |                  |
|    |      | or passageway or passage adj way)                                               |          |                  |
| 29 | 35   | ((((427/\$.ccls. and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or      | USPAT;   | 2004/03/22 12:10 |
|    |      | porosity or interstice or passageway or passage adj way) not                    | US-PGPUB |                  |
|    |      | ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and               |          |                  |
|    |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or |          |                  |
|    |      | passageway or passage adj way))) and (plastic or polymer\$2 or resin\$3         |          |                  |
|    |      | or injection adj mo\$11d\$3 or prototyp\$3)) and (step or stepped )) and        |          |                  |
|    |      | (infiltra\$3 or infill\$3 or permeat\$3) with (pore or porosity or interstice   |          |                  |
|    |      | or passageway or passage adj way)) and surface adj roughness                    |          |                  |
| 30 | 162  | ((((427/\$.ccls. and (infiltra\$3 or infill\$3 or permeat\$3) and (pore or      | USPAT;   | 2004/03/22 12:12 |
|    |      | porosity or interstice or passageway or passage adj way) not                    | US-PGPUB |                  |
|    |      | ((427/261,264,265,271,284,421,430.1.ccls. or 156/307.3.ccls.) and               |          |                  |
|    |      | (infiltra\$3 or infill\$3 or permeat\$3) and (pore or porosity or interstice or |          |                  |
|    |      | passageway or passage adj way))) and (plastic or polymer\$2 or resin\$3         |          |                  |
|    |      | or injection adj mo\$11d\$3 or prototyp\$3)) and (step or stepped )) and        |          |                  |
|    |      | (infiltra\$3 or infill\$3 or permeat\$3) with (pore or porosity or interstice   |          |                  |
|    | İ    | or passageway or passage adj way)) and (plastic or polymer\$2 or resin\$3       |          |                  |
|    |      | or injection adj mo\$11d\$3 or prototyp\$3) same (substrate or workpiece        |          |                  |
|    |      | or work adj piece or article)                                                   |          |                  |
| 31 | 6    | ("3463659"   "3770486"   "3911170"   "3935364"   "4057657"                      | USPAT    | 2004/03/22 12:19 |
|    |      | "4002173") PM                                                                   |          | 1                |